



U. S. Department of Agriculture
Forest Service
Southeastern Area
State & Private Forestry

FOREST PEST MANAGEMENT

Report No. 82-3-32

Issued: 7/29/82

AERIAL DETECTION SURVEY OF FOREST INSECT
AND DISEASE ACTIVITY, OCONEE NATIONAL FOREST,
GEORGIA

LAND OWNERSHIP OR SURVEY AREA: Oconee National Forest, Hitchiti Experimental
Forest, Piedmont National Wildlife Refuge

STATE: Georgia

AREA WITHIN SURVEY BOUNDARY: 300,100 acres

DATE: July 22, 1982

PERCENT COVERAGE: 50%

AIRCRAFT: Cessna 182

CREW: Bob Bassett, FPM; Ross Goolsby and Jesse Casey, Oconee National Forest

SURVEY OBJECTIVES

To detect current infestations of southern pine beetle.

SURVEY RESULTS

A substantial amount of dead and/or dying pine (in typical southern pine beetle damage patterns) was located (see Table 1). Some of the trees were recently killed, as indicated by the presence of "faders."

CONCLUSIONS

Ground checks will be made to verify the causes of pine mortality. A biological evaluation will be conducted by the Asheville Field Office of Forest Pest Management if needed.

For additional information, contact:

USDA Forest Service FPM
3620 Interstate 85, N. E.
Northgate Office Park, Room 2103
Doraville, GA 30340
Telephone: 404/221-4796

or

USDA Forest Service FPM
P. O. Box 2570
Asheville, NC 28802
Telephone: 704/258-2850/ext. 625

Table I: Summary of Aerial Survey Data, Oconee National Forest, 7/22/82

Ownership:	Infestation Size (# Trees)									
	3 - 5		6 - 20		21 - 50		50+		Total	
Federal	Spots : Trees		Spots : Trees		Spots : Trees		Spots : Trees		Spots : Trees	
Oconee NF	13	42	11	130	2	80	0	0	26	252
Piedmont NWR	2	10	7	100	1	30	0	0	9	140
Hitchita Exp. For.	1	5	1	10	0	0	0	0	2	15